



Rob Watling

Software Engineer

Nationality: British

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Portfolio: <http://robwatling.com>

EXPERIENCE

Mrs Wordsmith

Senior Software Engineer

<https://uk.mrswordsmith.com>

Took the lead role in planning and building features for the onboarding and in-app purchases.

Developed Apple Sign On functionality for Epic Word Adventure.

Managed and maintained architecture for the game.

Shared and taught best practices.

London

Jul 2019 -
Current

VU.CITY

Unity Developer / Software Engineer

<https://vu.city>

Designed and developed an asset pipeline to process thousands of assets.

Developed a saving and loading system for sharing the state of the app between users.

Planned architecture and developed the foundations of VU.CITY.

Wrote a clean code and best practice guide that all developers adhered to.

Automated repetitive tasks freeing up technical artists time.

London

Jan 2018 -
Jul 2019

R3PI - Solera

3D Software Developer

<https://r3pi.io>

Took a lead role planning, architecting and building the Digital Garage platform.

Automated creation for hundreds of assets.

Worked closely with iOS and Android teams to embed Unity within a native application.

London

Jun 2016 -
Oct 2017

Smartfocus

3D Programmer

<http://smartfocus.com>

Produced prototypes for visualising data in 3D space.

Worked on an application that levied indoor positioning to generate realtime pathfinding.

Worked on embedding Unity within native iOS and android applications.

London

Oct 2015 -
Apr 2016

Further job experience on request.

TECHNICAL SKILLS

Languages

Proficient in: C#, HTML, CSS and Javascript

Experienced in: Typescript, SQL, MongoDB and C++

Frameworks & Engines

Engines: Unity, Unreal Engine

Frameworks: .NET, Node

Tools

Source Control: git (GitHub, GitLab & BitBucket), SVN

Project Management: Jira and Trello

Test Automation: C# and JavaScript

Design: Adobe XD

Other

Versed in Agile and Scrum methodologies

Writing general and technical documentation

EDUCATION

Derby

Sep 2011 -
May 2015

University Of Derby

BSc Hons in Computer Games Programming
Graduated with a 2:1

Essex

Sep 2011 -
May 2015

Chelmsford College

BTEC National Diploma in ICT Level 3
Graduated with Triple Distinction

Reference available on request.